Cross-browser compatibility

Inclusion rocks!

CSS isn't completely standardized

All browsers are not alike

Vendor prefixes smooth over those differences. At first.

`-webkit-`
Safari, iOS, Android, Chrome
`-moz-`
Firefox

Sometimes, properties take vendor prefixes ...

```
-webkit-transition: 2s ease;
   -moz-transition: 2s ease;
    -ms-transition: 2s ease;
       transition: 2s ease;
```

Sometimes, they don't ...

`border: 1px solid #fff;`

And sometimes, they used to …

```
~~-webkit-border-radius:15px;~~
~~-ms-border-radius:15px;~~
border-radius: 15px;
```

If you need vendor prefixes, put the un-prefixed last

```
-webkit-transition: 2s ease;
   -moz-transition: 2s ease;
    -ms-transition: 2s ease;
       transition: 2s ease;
```

But make *sure* you need them.

Check <u>Help:Supported browsers</u> to find out which vendor prefixes are important to use at Fandom.

And that you *still* need them.

Remember: the point of vendor prefixes is that they're temporary. Eventually, prefixes will be unnecessary.

See if browsers can handle it.

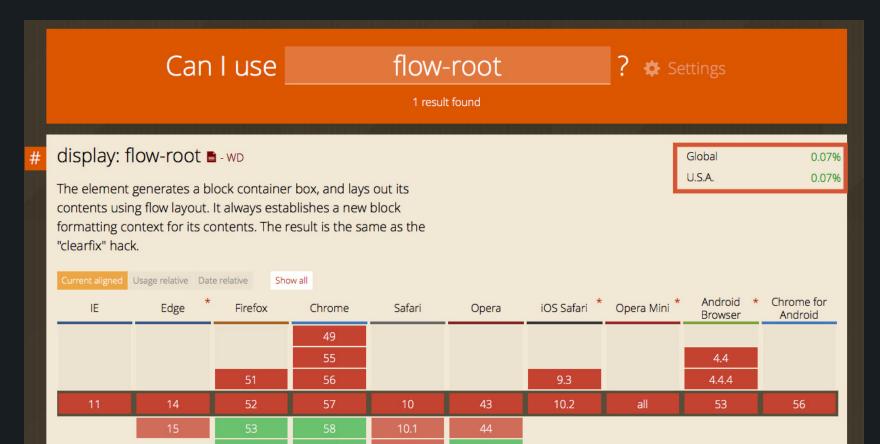Go to caniuse.com to figure out what kind of cross-platform compatibility your property has.

And if they *all* can.

If it's unsupported by any of Fandom's browsers, you should probably choose a different property.

Don't use something like this.

Can I use **flow-root** ? ⚙ Settings

1 result found

display: flow-root 📄 - WD

Global	0.07%
U.S.A.	0.07%

The element generates a block container box, and lays out its contents using flow layout. It always establishes a new block formatting context for its contents. The result is the same as the "clearfix" hack.

Current aligned | Usage relative | Date relative | Show all

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
			49						
			55					4.4	
		51	56			9.3		4.4.4	
11	14	52	57	10	43	10.2	all	53	56
	15	53	58	10.1	44				

Use something like this.

Can I use   border-radius   ? ⚙ Settings

1 result found

CSS3 Border-radius (rounded corners) 📄 - CR

Method of making the border corners round. Covers support for the shorthand `border-radius` as well as the long-hand properties (e.g. `border-top-left-radius`)

Global	94.54% + 0.02% =	94.56%
unprefixed:	94.47%	
U.S.A.	98.38%	
unprefixed:	98.32%	

Current aligned | Usage relative | Date relative | Show all

IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
			49						
			55					4.4	
		51	56			9.3		4.4.4	
11	14	52	57	10	43	10.2	all	53	56
	15	53	58	10.1	44				
		54	59	TP	45				

Stay up to date.

You don't need prefixes forever.
Go to caniuse.com/#compare_cats=CSS.
Select the browsers that Fandom currently supports. Scroll down to get a list.

Supported (no prefixes needed)

:indeterminate CSS pseudo-class

:optional CSS pseudo-class

:default CSS pseudo-class

Case-insensitive CSS attribute selectors

background-position-x & background-position-y

:in-range and :out-of-range CSS pseudo-classes

CSS unset value   letter-spacing CSS property

CSS min/max-width/height   CSS 2.1 selectors

CSS Table display

CSS Generated content for pseudo-elements

CSS background-repeat round and space

CSS first-line pseudo-element

ch (character) unit   CSS3 font-kerning

Font unicode-range subsetting

CSS3 object-fit/object-position

CSS3 Overflow-wrap   CSS3 Text-overflow

CSS3 Opacity   calc() as CSS unit value

Flexible Box Layout Module

CSS Feature Queries   CSS Gradients

CSS Animation   CSS font-feature-settings

CSS3 Transitions   CSS3 3D Transforms

Questions?

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